PNY Attaché USB Flash Drive

Limited 1 Year Warranty

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FOR WARRANTY CONFIRMATION AND PRODUCT REGISTRATION VISIT US AT http://www.pny.com. THIS WARRANTY SHALL NOT BE EXTENDED, ALTERED OR VARIED EXCEPT BY A WRITTEN INSTRUMENT DULY SIGNED BY PNY.

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1 INTRODUCTION

1.1 The Attaché

If you want to transfer data from one computer to another, what do you do? Do you take one or more boxes of floppy disk with you or do you take your hard drive with you? You may send e-mail, but it takes a lot of time to download if you have a large amount of data.

Now, here is a solution, the PNY Attaché (USB Flash Drive). Accessing and transporting data has never been easier with the Attaché. The Attaché is a portable, removable hard disk drive with USB connection that's plug and play. Simply plug into any USB port and the computer will automatically detect it as a flash disk drive. Now you can read, write, copy, delete and move data from your hard disk drive to the Attaché or from the Attaché to your hard disk drive. You can even play MP3 files, run applications or view videos directly from the Attaché.

The Attaché is so compact that you can carry it with you anywhere and hardly notice its existence. It also comes in various storage capacities of 64MB, 128MB, 256MB, and 512MB.

Now, you don't have to carry a laptop computer with you to work, if you have access to a computer. The Attaché does not require any battery, it does not need any software or cable and is compatible with USB enabled desktop and laptop computers.

No more carrying around work in a laptop computer and no more floppy disks are required.
PNY Attaché is your solution; PNY Attaché is the future.
Thank you for choosing PNY Attaché – Let Our Memory Capture Your Memories™.

1.2 Product Features

- Compatible with USB specification revision 2.0 and 1.1
- Transfer rate up to 480Mbit per second at “full speed”
- Built-in USB 2.0-to-Flash Interface controller with bulk-only transport of USB mass storage class, support PIO mode 4.
- Support Windows® 98/ Windows® 98SE with device driver
- Support Windows® 2000/ Windows® ME/ Windows® XP/ Mac 9.x or above/ Linux2.4.0 or above, without any device driver
- LED indicator when the USB Flash Drive is in use
- Write/delete protection switch. Protect you from accidentally deleting of data
- Hot Plug & Play - Enable you to install anytime
- Durable solid-state storage - Data retention for at least 10 years
- No external power is required - DC 4.5V ~ 5.5V from USB port
- Power consumption <145mA when in use
- EMI Compliance (FCC , CE)

1.3 Product Characteristics

1.3.1 Computer System Requirement

- IBM PC or Compatible PC or Notebook with USB interface
- CD-ROM drive

1.3.2 Operating System Requirement

- Windows® 98/98SE
- Windows® 2000
- Windows® ME
- Windows® XP
- Mac® OS 9.x or above
- Linux® Kernel 2.4.0 or above

1.3.3 Technical Parameters

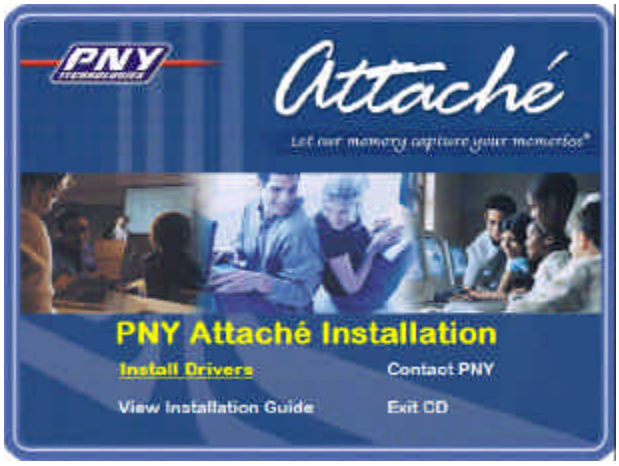
- Capacity: 128MB, 256MB, 512MB
- Erase Cycle: 1,000,000 times
- Data Transfer Rate:
  - Read: up to 5.5MB/s
  - Write: up to 5.2MB/s
- Acoustic noise: 0 dB @ one meter
- Altitude: 80,000 (feet relative to sea level)
- Shock resistance: 1000G (max)
- Vibration: 15G peak to peak
- Connectivity: USB Port Type A

2 HOW TO INSTALL DRIVER

2.1 Windows 98/98SE

Caution: Please install driver first before you plug in the device!!!

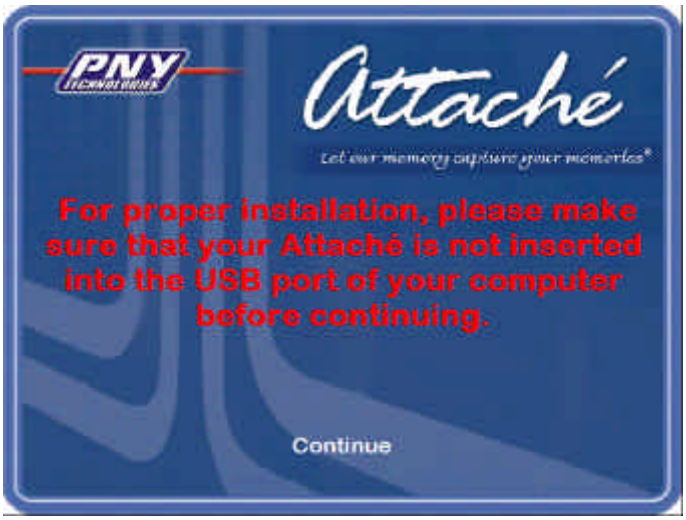
1. Insert the driver CD disc into your CD-ROM.
2. The PNY Attaché Installation menu will automatically display.
3. Click “Install Drivers” to start installation.



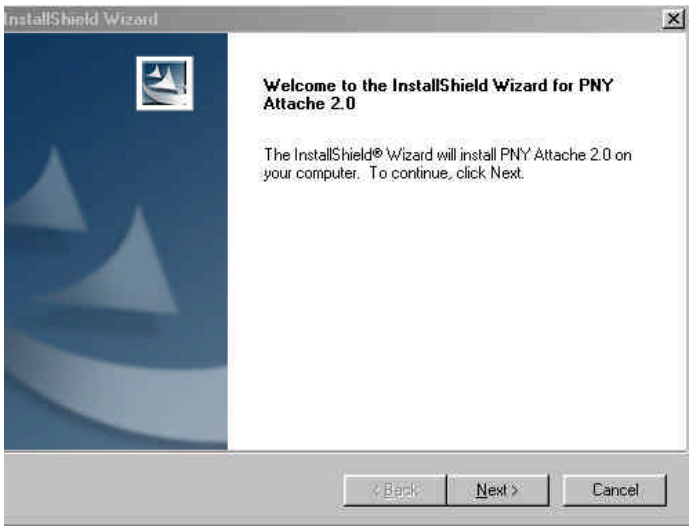
4. Follow the on screen instruction to install driver.

5. Select USB 2.0 Attaché to continue.

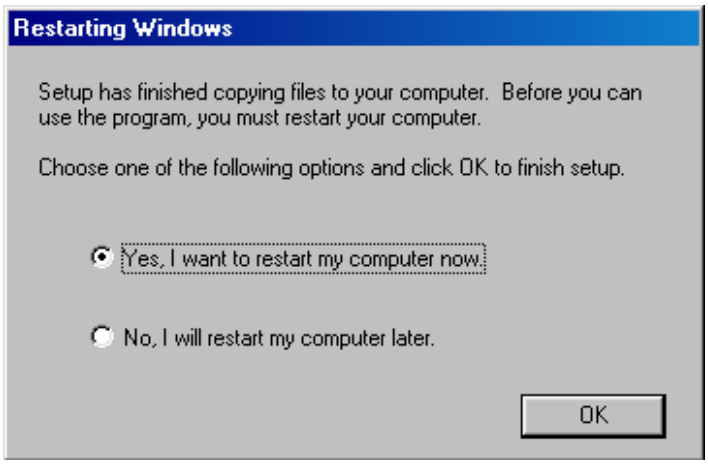
6. After you click on the selected Attaché, the installation warning screen will display.



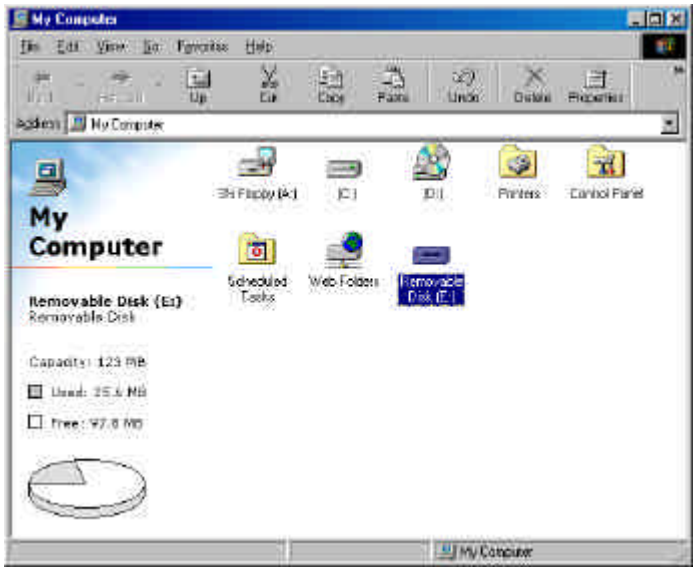
7. After verifying that your Attaché is not plugged into the computer, click “Continue”.
8. The Welcome Screen is displayed. Click “Next” to continue installation.



9. Click “OK” to restart machine. *(Must restart to complete installation)*



10. After restart, insert the device to the USB port on your computer/laptop. Windows will automatically detect the new hardware. If set up is correctly carried out, you should find a “Removable Disk” shown in “My Computer”.



2.2 Windows 2000/ME/XP

For these operating systems, no driver is required. Simply plug in your device into your USB port on your computer and the operating system will automatically recognize the device with its built-in driver (USB Mass Storage Class Driver). *Windows 2000 should have Service Pack 3 (SP3) installed.*

2.3 Mac OS 9.x+

For MAC 9.x and higher, no driver is required for these operating systems. Simply plug the device into the USB port and the system will automatically finds it.

2.4 Linux Kernel 2.4.x+

Again, no driver is required for this operating system.
1. Plug in the device.
2. Please check whether it had been enumerated in file /proc/scsi/scsi. If not please check whether modules had been loaded, i.e.: usb-storage, scsi_mod, sd_mod, ..., by using "/sbin/lsmod". If does not become root or use sudo with "modprobe usb-storage".
3. If the device is enumerated in /proc/scsi/scsi, then it is OK to mount the Attaché to existed desired directory with "mount/dev/sda1 <desired directory>". If there is no partition existed, please omit the digit. "a" means first LUN (Logical Unit), then "b", "c", ... and the digit means the partition number. If fail, please send us the output of 'dmesg' and make sure those messages are collected after Attaché is plugged in.
4. You may use "Control Center" from Gnome -> Mount Points (left side) -> Hard Drive and select the appropriate device and partition, specify the mount point (existed directory) and others, i.e. uid, gid, permission, ..., of course you need root privilege. Suggest you un-mount it to avoid error messages on the next booting.
5. To eject, use "eject <desired directory>" to flush the buffer and clear the mount information.
6. After mounting the Attaché, you may do any file operations on it.
7. Some latest distributions may automatically mount the USB device on the desktop.
8. If there is any problem, please attach the "dmesg" output and/or /var/log/messages.

3 HOW TO USE THE ATTACHE

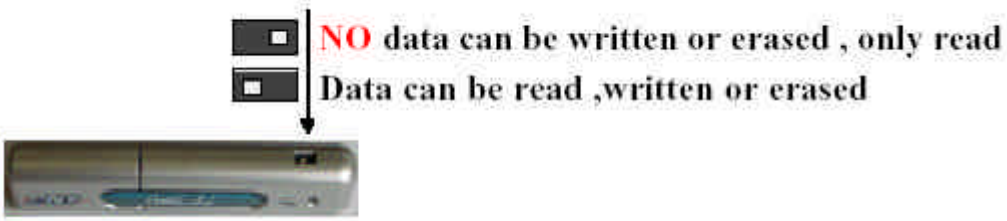
The PNY Attaché is easy to use. The instructions on how to use the Attaché on Windows 98/98SE /ME/2000/XP/Mac OS 9.x or above are shown below:

1. Turn on your computer.
2. Plug the PNY Attaché into the USB port of the computer. The “Removable Disk” symbol should appear in “My Computer. Under Windows 2000/ME/XP/, the USB monitor icon will appear in the system tray of the taskbar.
3. The indicator of the Attaché will be flashing while the write or read action is processing.
4. To exit from the process and to unplug the PNY Attaché from the USB port of the computer, please follow the steps below:

- **Windows 98/98SE:** Unplug the Attaché from the computer ONLY when Attaché’s LED stopped flashing. The Removable Disk symbol disappears automatically.
- **Windows 2000/ME/XP:** Click the icon in the system tray of the taskbar. A “Stop USB Mass Storage Device - Drive (E :)” pop- up list should appear next to the icon. Click on the pop-up list and a “Safe to Remove Hardware” window will appear. Click “OK” to close this window and then unplug the Attaché.
- **Mac OS 9.x or above:** Drag the device icon to the *Trash Can*, confirm remove, wait till the LED light dimmed, then remove from the USB port.

4 WRITE / DELETE PROTECTION SWITCH

A write protect switch avoids accidentally deleting of data. The hardware write protect works like a floppy disk write protect switch. (*Handle the switch carefully*. *Use a little plastic stick*.) See picture for position:



5 FAQs

To see the latest FAQs, go to PNY website www.pny.com. A few of these FAQs are listed below.

Q1: After the installation is complete, why can't I find the USB device correctly?
A1: Check USB controller option in the BIOS settings, make sure it is enabled.

Q2: What can be stored on my Attaché?
A2: Once your Attaché is plugged into your system, it works just like your hard drive. So any type of data can be stored, erased, copied, or read from it like music files, documents, emails, pictures, movies, the list of different uses for USB Flash Disk is endless.

Q3: Does the Attaché require a driver to be manually installed on each machine?
A3: Windows ME, 2000, and XP all support without any need to install drivers. Attaché is 100% plug and play. Just insert your Attaché and your computer sees as a new hard drive. Only for Windows 98SE do you need to install a driver. The Windows 98SE drivers are provided with the USB Flash Disk and are available at our website. The Attaché currently does not have support for Windows 3.11, Windows 95, Windows NT or Windows CE.

Q4: My Windows ME / 2000 / XP cannot detect my device, what can I do?
A4: Since there is no driver required for these operating systems, the device uses the built- in driver (USB Mass Storage Class Driver) from these operating systems. If your operating system cannot find the device, then it is very likely that the built- in driver files were missing or corrupted; please try to recover these files from other computer or from the original Windows operating system CD. Should you still having problem, please try the method in A1, or contact one of our technical staff.

Q5: Can the Attaché be shared over a network?
A5: Yes, Attaché offers all the functions of a normal hard drive.

Q6: What is the function of the Attaché's LED?
A6: When you are transferring data the LED will flash indicating the Attaché is in use and is "busy" writing or reading data. Because some operating systems use write cache, please be sure the LED is not flashing when you unplug it. Unplugging the Attaché while it is busy will result in lost data and computer errors.

Q7: Can viruses infect the Attaché?
A7: Yes, Attaché is designed to function as storage device and therefore, behaves like one. Like any other storage device, you can scan, protect or remove any viruses from it using any anti-virus software.

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